Index of Claims

| Application | n/Control | No. |
|-------------|-----------|-----|
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09/888,659

Examiner

Pierre E. Elisca

Applicant(s)/Patent under Reexamination

KURTZ ET AL.

Art Unit

3621

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
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| - | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla                              | aim                              | Date         |          |  |  |            |          |          |  |  |
|----------------------------------|----------------------------------|--------------|----------|--|--|------------|----------|----------|--|--|
|                                  |                                  |              |          |  | Г  | F          | Т        | Т        | Т  | T  |
| Final                            | Original                         | 9/7/05       |          |  |  |            |          |          |  |  |
|                                  | ١٠                               | 1            | 1        |  |  |            |          | l        | l  | ļ.   |
|                                  | 1                                | $\vdash$     | П        |  | Г  | Т          |          |          | T  | T  |
|                                  | 2                                | -            | Н        | <del> </del>                                     | ✝  | t          | 1        | $\vdash$ | ╆  | <del>                                     </del> |
|                                  | 2                                | ⊢            | ⊢        | ├-   | ⊢  | ⊢          | +        | ┝        | -  | <del>ا</del> نسا                                 |
|                                  | 3                                | ⊢            | ļ        | <b>├</b>   | ⊢  | ╙          | ₩        | ╄        | ļ  | ╙  |
|                                  | 4                                | ┖            | L        |  | L  | L          | _        |          |  | <u> </u>   |
| 1                                | 5                                | =            | l        |  |  |            | 1        |          |  |  |
| 2                                | 6                                | =            |          |  |  | П          | Π        | П        | Γ  |  |
| 3                                | 1<br>2<br>3<br>4<br>5<br>6<br>7  | ╘            | Т        |  |  | T          | $\vdash$ | _        | T  |  |
| 2<br>3<br>4                      | 8                                | Ι_           | -        | <del>                                     </del> | $\vdash$   | $\vdash$   | +        | $\vdash$ | +-   | ╁  |
| -                                | <u>~</u>                         | <del> </del> | -        | ⊢  | ╁  | ₩          | ╁        | ┢        | ├  | ⊢  |
| 5                                | 9                                | ļ-           | ⊢        | ┢  | ┡  | _          | ├        | ┡        | ┡  | ┡  |
| 6                                | 10                               | 트            | L        | <u> </u>   | Ш  | ᆫ          | ┖        | _        | <u> </u>   |  |
| 7                                | 11                               | =            |          |  |  |            |          | <u> </u> |  |  |
| 8                                | 12                               | =            |          | Γ  | Г  | Г          |          | Γ        | Γ  |  |
| . 9                              | 13                               | =            | Π        |  | Γ  | П          | Т        | 1        | T  | T  |
| 10                               | 14                               | ┢            | Т        | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   |
|                                  | 15                               | H            |          | ┢  | ├  | -          | $\vdash$ | ⊢        | ⊢  | ┢  |
| <b>_</b>                         | 11<br>12<br>13<br>14<br>15<br>16 | $\vdash$     | $\vdash$ | $\vdash$   | <del> </del>                                     | $\vdash$   | ⊢        | $\vdash$ | $\vdash$   | ├-   |
|                                  | 16                               |              | L        | _  | _  | ╙          | ــــ     | <u> </u> | <u> </u>   | ┖  |
|                                  | 17                               |              |          |  |  |            |          |          |  |  |
| 11                               | 18                               | =            |          |  |  |            | -        | Γ        |  |  |
| 12                               | 18<br>19                         | =            |          | T  |  | T          | <b>†</b> |          |  |  |
| 12<br>13<br>14<br>15<br>16<br>17 | 20                               | ╘            | Ι        | $\vdash$   | $\vdash$   | $\vdash$   | ┢        | ╫        | H  | ┢  |
| 1.4                              | 24                               | <del> </del> | -        | ┢  | ⊢  | -          | ┢        | ⊢        | ⊢  | ┝┈   |
| 14                               | 21<br>22                         | ┞═           | ╙        | Ļ  | _  | ╙          |          | _        | L.   | <u> </u>   |
| 15                               | 22                               | Ξ            | L        | L  | 上  | L          |          |          |  |  |
| 16                               | 23<br>24<br>25                   | =            |          |  | L  |            |          |          |  | l  |
| 17                               | 24                               | =            |          |  | Γ  | П          |          |          | П  |  |
| 18                               | 25                               | =            |          |  | $\vdash$   |            |          |          | т  | 1  |
|                                  | 26                               | $\vdash$     | ┢        | $\vdash$   | $\vdash$   | $\vdash$   | 1-       | $\vdash$ | $\vdash$   | ┢  |
|                                  | 26<br>27                         | ┢            |          | ⊢  | ⊢  | ┢          | ╁─╴      | ├        | ├  | ⊢  |
|                                  | 41                               | ⊢            |          | ⊢  | ⊢  | ⊢          | ⊢        | -        | ⊢  | ⊢  |
|                                  | 28                               | _            | <u> </u> | <u> </u>   | _  | <u> </u>   | ـــــ    | Щ        | Щ  | ᆫ  |
|                                  | 29                               |              | L        |  |  |            |          |          |  |  |
|                                  | 30                               |              |          |  |  | l          |          |          |  |  |
|                                  | 31                               |              |          |  |  |            |          |          | Г  | Г  |
|                                  | 32                               | Г            |          | <u> </u>   | т  | Т          |          | П        | <del>                                     </del> |  |
|                                  | 32<br>33                         | $\vdash$     |          | $\vdash$   | $\vdash$   | $\vdash$   | -        | -        | $\vdash$   | $\vdash$   |
|                                  | 24                               |              | $\vdash$ | $\vdash$   | ⊢  | ├          | ⊢        | ⊢        | ⊢  | ⊢  |
|                                  | 34<br>35                         | $\vdash$     | $\vdash$ |  | $\vdash$   | $\vdash$   | ļ.—      | <u> </u> | $\vdash$   | $\vdash$   |
|                                  | 35                               | Щ            |          | <u> </u>   | _  | lacksquare | L_       | <u> </u> | Щ  | Ц  |
|                                  | 36                               |              | L        | L  | L  | L          | L        | L        | L  | L  |
|                                  | 37<br>38                         |              |          |  |  |            |          |          |  |  |
|                                  | 38                               |              |          |  |  |            | П        | П        |  | 1  |
|                                  | 39                               |              |          | $\vdash$   | Ι-   | $\vdash$   |          | Т        | $\vdash$   |  |
|                                  | 40                               | $\vdash$     | -        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   |
|                                  |                                  | Η-           | _        | $\vdash$   | ├-   | ⊢          | -        | ⊢        | $\vdash$   | $\vdash$   |
|                                  | 41                               | Н            | <u> </u> | $\vdash$   | <u> </u>   | $\vdash$   | <u> </u> | <u> </u> | <u> </u>   | L  |
|                                  | 42                               | Щ            |          |  |  | _          |          | $\Box$   | L  | oxdot  |
|                                  | 43                               |              | L        |  | L  | L          | L        | L        | L  | L  |
|                                  | 44                               |              |          |  |  |            |          |          |  |  |
|                                  | 45                               | П            | _        |  |  | Т          | Ι        | Т        | $\vdash$   | П  |
| $\neg \neg$                      | 46                               | Н            |          | $\vdash$   | -  | $\vdash$   | $\vdash$ | Н        | -  | $\vdash$   |
|                                  | 47                               | Н            | _        | -  | <del> </del>                                     | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$   | Н  |
|                                  |                                  | Щ            | _        | <u> </u>   | _  | $\vdash$   | $\vdash$ | $\vdash$ | Щ  | Щ  |
|                                  | 48                               | Ш            |          | ш  | <u> </u>   | L_         | Ш        | Ш        |  |  |
|                                  | 49                               |              |          |  |  | L          | L        | L        |  | L  |
|                                  | 50                               |              |          |  |  |            |          |          |  |  |

| Cla             | aim      | Г  |  |  | -  | Dat      | <u>е</u> |  |          |  |
|-----------------|----------|--|--|--|--|----------|----------|--|----------|--|
|                 |          | T  | П  | 1  |  | Π        | Π        | П  | Г        | П  |
| Final           | Original |  |  |  |  |          |          |  |          |  |
| <u> </u>        |          | L  | L  | L  | L  | <u> </u> | L        | L  |          | L  |
|                 | 51       | ╙  | ļ.   | ↓_   |  | _        |          | ᆫ  | <u> </u> |  |
|                 | 52       | 上  | _  | _  |  |          |          | <u></u>  |          |  |
|                 | 53       | $L_{-}$  | Ι.   |  |  |          |          |  |          |  |
|                 | 54       |  | Г  | Г  |  | П        | Г        |  |          | П  |
|                 | 55       | П  |  |  | Г  |          |          | Г  | 1        |  |
|                 | 56       |  |  | Т  | T  |          |          |  |          | t  |
|                 | 57       | Г  |  | Т  | ┢  | 1        | $\vdash$ |  | $\vdash$ | ┢  |
|                 | 58       | T  | T  | T  | T  |          |          | ✝  |          |  |
|                 | 59       | $\vdash$   | t  | Т  | t  | m        | 1        | H  | $\vdash$ | t  |
| <b>—</b>        | 60       | H  | H  | $\vdash$   |  | ┼─       | $\vdash$ | H  |          | 一  |
| *               | 61       | -  | ╁  | $\vdash$   |  | t        | ╁╌       | ┢  | ┢        | ┢  |
|                 | 62       | t  | t  | H  | $\vdash$   | ┢        | ┢        | H  | Н        | H  |
|                 | 63       | $\vdash$   | $\vdash$   | T  | Η.   | $t^-$    | $\vdash$ | H  | $\vdash$ | $\vdash$   |
|                 | 64       |  | <del>                                     </del> | $\vdash$   | $\vdash$   | T        | $\vdash$ | <del>                                     </del> | $\vdash$ | $\vdash$   |
|                 | 65       | $\vdash$   | T  | t  |  | t        | $\vdash$ | <del>                                     </del> | Н        | Т  |
|                 | 66       | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | T        | <u> </u> | t  | Н        | H  |
|                 | 67       |  |  | T  | <b></b>  | t        | T        | H  | ┢        | ┢  |
|                 | 68       | Т  |  | T  | <del>                                     </del> | T        |          | T  | _        | ┢  |
|                 | 69       |  |  |  |  | t        | Н        |  | _        | T  |
|                 | 70       |  |  | Г  |  |          | Г        | Г  |          |  |
|                 | 71       |  |  | T  |  |          | Г        | 1  | Г        |  |
|                 | 71<br>72 | Γ  |  |  |  |          |          |  |          | Г  |
|                 | 73       |  |  |  |  |          |          |  |          |  |
|                 | 74       |  |  |  |  | L        |          |  |          | L  |
| <u> </u>        | 75       | ╙  | _  | L  | Ш  | _        | Щ        | <u> </u>   | ļ        | _  |
| <u> </u>        | 76       | <u> </u>   | L  | <u> </u>   | <u> </u>   | ╙        | <u> </u> | L  | ļ        | _  |
| <u> </u>        | 77<br>78 | ⊢  | ⊢  | <del> </del>                                     | _  |          | $\vdash$ | <u> </u>   | <u> </u> | L  |
| -               | 79       | -  | ├  | ⊢  | $\vdash$   | ⊢        |          | ┝  | _        | ┝  |
| -               | 80       | ⊢  | -  | -  | $\vdash$   |          | ⊢        |  | _        | ⊢  |
|                 | 81       | $\vdash$   | ┢  | ╁─   | ⊢  | $\vdash$ | ┢╌       | ├  |          | $\vdash$   |
| $\vdash$        | 82       | $\vdash$   | $\vdash$   | $\vdash$   | ├-   | ╁─       | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   |
|                 | 83       |  | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | ╁─   | $\vdash$ | $\vdash$   |
| $\vdash$        | 84       | <u> </u>   |  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   |
|                 | 85       | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$ | $\vdash$ | -  |          | $\vdash$   |
|                 | 86       |  | <u></u>  | Н  | Н  | $\vdash$ | $\vdash$ | <del>                                     </del> | $\vdash$ | $\vdash$   |
| $\vdash$        | 87       | Т  | <del> </del>                                     |  | $\vdash$   |          | <u> </u> | <del>                                     </del> | Н        | $\vdash$   |
|                 | 88       | Т  | Т  | _  | $\vdash$   | T        | $\vdash$ | $\vdash$   |          | <del>                                     </del> |
| П               | 89       |  |  | Т  | Г  | T-       |          |  |          | ┰  |
|                 | 90       | Г  | $\vdash$   | Г  | Г  | Г        | <u> </u> | Г  |          | Г  |
|                 | 91       |  |  |  |  |          |          |  |          |  |
|                 | 92       |  |  |  |  |          |          |  | Ė        |  |
|                 | 93       |  | 匚  |  |  |          |          |  |          |  |
| $\square$       | 94       |  | oxdot  | <u> </u>   |  | L_       | L_       | _  |          | Ш  |
| $\vdash \vdash$ | 95       | _  | _  | <u> </u>   | L.,  |          |          | lacksquare                                       |          | Ш  |
|                 | 96       |  | Ш  | _  | Ш  | Щ        | Щ        | Ш  |          | Щ  |
| $\vdash$        | 97       | <u> </u>   | $\vdash$   | $\vdash$   | _  |          |          |  |          | Щ  |
| $\vdash$        | 98       | Щ  | <u> </u>   | L  | _  | L        | Ш        |  |          | Щ  |
| $\vdash$        | 99       | _  | $\vdash$   | <u> </u>   | H  | Н        | Щ        | Щ  |          | Щ  |
|                 | 100      |  |  |  |  |          |          |  |          |  |

| ١   | ÇI    | aim  | Date      |              |  |  |  |          |          |          |                 |  |
|-----|-------|--|-----------|--------------|--|--|--|----------|----------|----------|-----------------|--|
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|     | 펼     | Original   |           | ĺ            | l  |  |  |          |          |          |                 |  |
| ١   | Final | ji (   |           | ľ            |  |  | ١  |          |          |          |                 |  |
| ı   |       | ٥  |           |              |  |  |  | l        |          |          |                 |  |
| Ì   |       | 101  |           |              |  |  |  |          |          |          | П               |  |
| Ì   |       | 102<br>103   |           |              |  | Г  | Г  | Г        | _        |          |                 |  |
| Ì   |       | 103  |           |              | Г  | П  | ┢  |          | Т        | Т        | П               |  |
| Ì   |       | 104  |           |              |  |  |  |          | Т        | Т        | П               |  |
| Ì   |       | 105<br>106   |           |              |  |  |  |          |          |          |                 |  |
| Ì   |       | 106  |           | Г            | Г  | Г  | Ι-   | _        |          |          |                 |  |
| l   |       | 107  |           |              | _  |  | Г  | Т        | Т        | Т        |                 |  |
| Ì   |       | 108  | Г         |              | $\vdash$   | Г  | _  |          |          |          | П               |  |
| İ   |       | 108<br>109   |           |              | Т  | $\vdash$   | _  |          |          | $\vdash$ |                 |  |
| Ì   |       | 110  |           | Г            | <del>                                     </del> | ┢  | $\vdash$   | Н        |          | Н        |                 |  |
| Ì   |       | 111  |           | Н            |  |  | Ι-   | 1        |          | Н        |                 |  |
| Ì   |       | 112  |           | Н            | ┢  | ┪  | H  | T        | $\vdash$ | _        | Н               |  |
| ł   |       | 113  | H         | $\vdash$     | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$ | _        | ┝        | H               |  |
| ŀ   |       | 112<br>113<br>114<br>115   |           | $\vdash$     | Н  | $\vdash$   | -  | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$        |  |
| ŀ   |       | 115  |           | H            |  | <del>                                     </del> | <del>                                     </del> | $\vdash$ | $\vdash$ | $\vdash$ | Н               |  |
| ŀ   |       | 116  | -         | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | ├        | H               |  |
| ŀ   |       | 116<br>117   |           | ╁─           | $\vdash$   | $\vdash$   | H  | _        | $\vdash$ | $\vdash$ | Н               |  |
| ŀ   |       | 118  |           |              | $\vdash$   | $\vdash$   | ┢┈   | -        | $\vdash$ | $\vdash$ | Н               |  |
| ŀ   |       | 119  |           | $\vdash$     | $\vdash$   | ┢  | ├─   | -        | H        | ┢        | $\vdash$        |  |
| ŀ   |       | 119<br>120<br>121  |           | ┢            | ┢  | ┢  | ┝┈   | ┝        | $\vdash$ | $\vdash$ | Н               |  |
| ŀ   |       | 121  |           | ┢            | ┢  | ├  | -  | -        | H        | ├        | Н               |  |
| ŀ   |       | 122  | -         | ┢┈           | -  | -  |  | <u> </u> | -        | Η-       | Н               |  |
| ŀ   |       | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 | _         | ⊢            | ⊢  | ├  | <del>  -</del>                                   | H        | $\vdash$ | $\vdash$ | Н               |  |
| ŀ   |       | 124  |           | _            | -  | _  | $\vdash$   | Н        |          | _        | Н               |  |
| ŀ   |       | 125  |           | $\vdash$     | -  | -  | $\vdash$   |          | _        | _        | Н               |  |
| ŀ   |       | 126  |           | _            | Н  | ⊢  |  | $\vdash$ |          | -        |                 |  |
| 4   |       | 127  |           |              |  | -  | -  |          |          | <u> </u> | Н               |  |
| ŀ   |       | 129  |           | $\vdash$     |  |  | $\vdash$   |          | -        | _        | Н               |  |
| ł   |       | 120  | -         | -            | $\vdash$   | _  | -  | _        |          | H        | Н               |  |
| ŀ   |       | 120  |           | -            | -  |  |  | -        | _        | $\vdash$ | $\dashv$        |  |
| ŀ   |       | 130  |           | _            | -  |  |  | $\vdash$ | _        |          |                 |  |
| ŀ   |       | 132  |           |              | _  |  | $\vdash$   | _        |          |          | _               |  |
| ŀ   |       | 132  | $\vdash$  | μ.           | $\vdash$   | H  | $\vdash$   | $\vdash$ | Ь—       | <u> </u> | Н               |  |
| ŀ   |       | 133<br>134   | -         | <del> </del> | H  | -  | $\vdash$   | <u> </u> | $\vdash$ |          | Н               |  |
| ŀ   |       | 134  | $\vdash$  | $\vdash$     | ┝┈   | $\vdash$   | $\vdash$   | $\vdash$ | -        |          | Н               |  |
| ŀ   |       | 135  |           |              | $\vdash$   | H  | $\vdash$   | $\vdash$ | $\vdash$ |          | -               |  |
| ŀ   |       | 136<br>137   | -         | $\vdash$     | ├  | _  | Н  | $\vdash$ | $\vdash$ | $\vdash$ | Н               |  |
| ŀ   |       | 137  |           | <u> </u>     | $\vdash$   | _  | <del> </del>                                     | _        | $\vdash$ | $\vdash$ | Щ               |  |
| ŀ   |       | 139  | $\dot{-}$ |              | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | Щ.       | Ь.,      | Н               |  |
| ŀ   |       | 140  | _         | $\vdash$     | $\vdash$   |  | Н  | $\vdash$ | Н        | Н        | $\vdash \vdash$ |  |
| ŀ   |       |  | -         | $\vdash$     | Н  | $\vdash$   | Н  | -        | Н        | Н        | $\dashv$        |  |
| ŀ   |       | 141  | $\dashv$  | _            | Н  |  | Н  | Н        | Н        | $\vdash$ | $\dashv$        |  |
| ŀ   |       | 143  | -         |              | Н  |  | Н  | $\dashv$ | Щ        | _        | Щ               |  |
| ŀ   |       |  |           |              | Н  |  | Н  |          | Щ        | Щ        | $\dashv$        |  |
| ŀ   |       | 144  | $\dashv$  | $\vdash$     | Щ  |  | Н  | Щ        | ш        | -        | Щ               |  |
| ŀ   |       | 145  | _         |              | Ш  | $\vdash$   | Щ  | $\Box$   | -        |          | _               |  |
| ŀ   |       | 146  | _         |              | Щ  | - 12   | Щ  |          | Щ        |          |                 |  |
| ŀ   |       | 147  | _         |              |  | Щ  |  | _        | Щ        |          | Щ               |  |
| ŀ   |       | 148  | _         |              | Щ  |  | Ш  |          |          |          | $\Box$          |  |
| ŀ   |       | 149  |           |              | Ш  | Щ  |  | $\Box$   | $\Box$   | _        | $\dashv$        |  |
| L   |       | 150  |           |              |  |  |  |          |          |          |                 |  |